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(54) ~~THIN BATTERY~~
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 (71) RICOH CO LTD (72) TOSHIYUKI OSAWA (3)
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PURPOSE: To prevent the capacity change of a battery even if bending stress is applied by fixing parts of power generating elements with a frame made of a plastic sheet and bonding the periphery of the frame to parts of outer jackets through connecting layers in airtightness.

CONSTITUTION: Power generating elements 11 are bonded to a plastic frame 10 having a hot-melt adhesive layer 16. The power generating elements 11 and the plastic frame 10 are interposed between a pair of outer jackets 9, 9 each of which has a hot-melt layer 16, and melt-bonded with peripheral hot-melt adhesive layers 16 in airtightness. The outer jacket is the stack comprising a polypropylene hot-melt adhesive layer 12, a nylon layer 13, an aluminum layer 14, and a polyester layer 15, and two outer jackets are bonded through the hot-melt adhesive layers 12. The capacity change of a battery is prevented even if bending stress is applied.

LEGENDE zu den Bibliographiedaten

(54) Titel der Patentanmeldung	(22) Anmeldedatum in Japan
(11) Nummer der JP-A2 Veröffentlichung	(71) Anmelder
(21) Aktionatzenh von JP-Anmeldung	(72) Erfinder
(43) Veröffentlichungstag	(52) Japanische Patentklassifikation
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